

Work Order ID 132630

Thursday, May 07, 2015 3:00:41 PM

132630

Page 1

Item ID: D350-589-011 Accept *N900040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: Side Door Latch Modification
 Start Date: 5/1/2015 Start Qty: 4.00 *4* Cust Item ID:
 Required Date: 5/7/2015 Req'd Qty: 4.00 *4* Customer:
 Reference:

Approvals: Process Plan: MLS Date: MAY 1 1 2015 Tooling: _____ Date: _____ Run Start *NR1*
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
INN-D350-589	E								
100	Document Control	0.00							
100	DOCUMENT CONTROL								
DC	Memo <u>M. 10.</u>	0.00							
Doc.Control -USB or Paperwork	Photocopy blue file and type label as per PPP D350-589-011 CHG002								
105	Pick Kit	0.00							
105									
Packaging	Memo	0.00							
Packaging									
110	QC4- 100% Inspect kits for completeness	0.00							
110									
QC	Memo	0.00							
Quality Control									

DAS
6
9-89

4x
APR 26 2015

CH751

DAS
28
9-89

4x

DAS
27
9-89
MAY 25 2015

DAS
6
9-89

4x
APR 28 2015

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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OTHER : ☐																					

Work Order ID 132630

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132630

Page 2

Item ID: D350-589-011

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Side Door Latch Modification

Start Date: 5/1/2015 Start Qty: 4.00 ***4***

Cust Item ID:

Required Date: 5/7/2015 Req'd Qty: 4.00 ***4***

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

120

0.00

120

Packaging

0.00

Packaging

Memo

Identify and pack for shipping as per QSI 014

DAS
6
9-89

APR 26 2015

130

0.00

130

QC21- Final Inspection - Work Order Release

0.00

QC

Memo

Quality Control

15/5/27/15

ML 5 MAY 27 2015

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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Picklist Print

Thursday, May 07, 2015 3:00:45 PM

Page 1

Work Order ID: 132630

132630

Parent Item: D350-589-011

D350-589-011

Parent Item Name: Side Door Latch Modification

Start Date: 5/1/2015

Required Date: 5/7/2015

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP F02.08.29Removed D2587 PlugKJ
ALL AT CHANGE 002

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D2237 *D2237* Striker Plate		Manufactured	No			105	Each	90.0000	3	12		DAS 28 9-89 27 9-89	
				<u>Location</u>				<u>Loc Qty</u>					
				ST005				90					
				121746				8					
				128358				30					
				130824				52		12			
D2583 *D2583* Latch Bracket		Manufactured	No			105	Each	40.0000	3	12		DAS 28 9-89 27 9-89	
				<u>Location</u>				<u>Loc Qty</u>					
				ST481				40					
				126359				40		12			
D2585 *D2585* Latch Clamp		Manufactured	No			105	Each	59.0000	3	12		DAS 28 9-89 27 9-89	
				<u>Location</u>				<u>Loc Qty</u>					
				ST008				17		132766			
				127709				17					
				ST012a				42					
				130053				42					

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

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132630

Parent Item: D350-589-011

D350-589-011

Parent Item Name: Side Door Latch Modification

Start Date: 5/1/2015

Required Date: 5/7/2015

Start Qty: 4.00

Required Qty: 4.00

D2586

Manufactured No

105

Each

84.0000

12

D2586

Door Latch

**

DAS
28
27
9-89
9-89

MAY 25 2015

Location

Loc Qty

Loc Code

FG

16

100607

1

114985

5

119746

4

83893

5

95760

1

ST482

18

128416

18

ST488a

50

129404

50

12

D2587

Manufactured No

105

Each

20.0000

4

D2587

Door Plug

**

DAS
28
27
9-89
9-89

Location

Loc Qty

Loc Code

ST008

20

121824

20

4

D2589

Manufactured No

105

Each

0.0000

4

D2589

Keys, Key Chain

**

DAS
28
27
9-89
9-89
123246
132940

DQA: _____ Date: _____



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Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : _____					

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Parent Item: D350-589-011

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Parent Item Name: Side Door Latch Modification

Start Date: 5/1/2015

Required Date: 5/7/2015

Start Qty: 4.00

Required Qty: 4.00

MS20470AD4-5

Purchased

No

105

Each

1,522.000

24

MS20470AD4-5

RIVET, UNIVERSAL HEAD

DAS

6

9-89

Location

Loc Qty

Loc Code

GA

1501

m128401

1477

m128813

24

ST310

21

m128813

21

MS2104213

Purchased

No

105

Each

2,117.000

12

MS2104213

Nut

DAS

6

9-89

Location

Loc Qty

Loc Code

FP001

420

M130922

420

GA

602

M131317

602

ST305

1095

116549

12

126333

49

M128754

2

M131624

32

M132123

1000

MS27039-1-15

Purchased

No

105

Each

130.0000

12

MS27039-1-15

Screw

DAS

6

9-89

Location

Loc Qty

Loc Code

GA

79

m127916

79

ST285

51

m127916

48

m130388

3

Thursday, May 07, 2015 3:00:45 PM

Shop Packet Print

Page 3

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																																																															
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<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" style="text-align: left;">Root Cause</th> <th colspan="6" style="text-align: left;">FAULT CATEGORY</th> </tr> </thead> <tbody> <tr> <td>Environment ☐</td> <td>☐</td> <td>No Re-verification ☐</td> <td>Pressure/Forced ☐</td> <td>Temperature/Cure ☐</td> <td>Power Loss/Surge ☐</td> <td>Positioned Wrong ☐</td> </tr> <tr> <td>Design ☐</td> <td>☐</td> <td>Operator ☐</td> <td>Bending ☐</td> <td>Set-up ☐</td> <td>Folio/Program ☐</td> <td>Outside Dimensions ☐</td> </tr> <tr> <td>Doc/Data ☐</td> <td>☐</td> <td>Offset/Setup ☐</td> <td>Centre Not Concentric ☐</td> <td>BOM/Route ☐</td> <td>Grain ☐</td> <td>Over/Under tolerance ☐</td> </tr> <tr> <td>Equip/Tooling ☐</td> <td>☐</td> <td>Supplier ☐</td> <td>Cracks ☐</td> <td>Broken/Damage/Defect ☐</td> <td>Weld ☐</td> <td>Part Incorrect ☐</td> </tr> <tr> <td>Handling/Pre ☐</td> <td>☐</td> <td>Training ☐</td> <td>Crimp/Kink/Ripple/Wave ☐</td> <td>Inspection Incomplete/Unqualified ☐</td> <td>Wrong Stock Pulled ☐</td> <td>Part Lost/Missing ☐</td> </tr> <tr> <td>Material ☐</td> <td>☐</td> <td>Use for Testing ☐</td> <td>Cuffs ☐</td> <td>Contamination ☐</td> <td>Out of Sequence ☐</td> <td>Part Moved ☐</td> </tr> <tr> <td>Internal Transport ☐</td> <td>☐</td> <td>Poor Information ☐</td> <td>Crushing ☐</td> <td>Countersink ☐</td> <td>Off-set ☐</td> <td>Drawing ☐</td> </tr> <tr> <td>Tribal Knowledge ☐</td> <td>☐</td> <td>Rushing ☐</td> <td>Heat Treat ☐</td> <td>Cut Too Short ☐</td> <td>Mislabeled ☐</td> <td>Finish ☐</td> </tr> <tr> <td>LOA ☐</td> <td>☐</td> <td>Product Improvement ☐</td> <td>Wave/Twist in Tube ☐</td> <td>Instructions Incomplete/Unclear ☐</td> <td>Fit/Function ☐</td> <td>Misread ☐</td> </tr> <tr> <td>Substation ☐</td> <td>☐</td> <td>Process Improvement ☐</td> <td>Marks/Chatter ☐</td> <td>Drill Holes ☐</td> <td>Misaligned/off center ☐</td> <td>Turning Sequence ☐</td> </tr> <tr> <td>Past Expiry Date ☐</td> <td>☐</td> <td>Manufacturing Process ☐</td> <td colspan="4" rowspan="2" style="text-align: center; vertical-align: top;">OTHER : _____</td> </tr> <tr> <td>Misidentified ☐</td> <td>☐</td> <td>Past Due ☐</td> </tr> </tbody> </table>										Root Cause				FAULT CATEGORY						Environment ☐	☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Design ☐	☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	Doc/Data ☐	☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	Equip/Tooling ☐	☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	Handling/Pre ☐	☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Material ☐	☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐	Internal Transport ☐	☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐	Tribal Knowledge ☐	☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	LOA ☐	☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	Substation ☐	☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐	Past Expiry Date ☐	☐	Manufacturing Process ☐	OTHER : _____				Misidentified ☐	☐	Past Due ☐
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Picklist Print

Thursday, May 07, 2015 3:00:45 PM

Work Order ID: 132630

132630

Parent Item: D350-589-011

D350-589-011

Parent Item Name: Side Door Latch Modification

Start Date: 5/1/2015

Required Date: 5/7/2015

Start Qty: 4.00

Required Qty: 4.00

NAS1149D0363J

Purchased

No

105

Each

1,577.000

3

12

NAS1149D0363J

Washer

DAS

28 27

9-89 9-89

MAY 25 2015

DAS
6
9-89

Location

Loc Qty

Loc Code

CA

569

m130799

569

GA

292

m128429

292

ST269

716

m126319

9

m131618

707

12

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
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OTHER : _____					

REFERENCE ONLY

DAS

6

1/2

3.4 PARTS LIST

589 -011	589 -041	589 -042	589 -043	Part Number	Description
X				D350-589-011	SIDE DOOR LATCH MODIFICATION KIT
	X			D350-589-041	SIDE DOOR ASSEMBLY, LH AS 350
		X		D350-589-042	SIDE DOOR ASSEMBLY, RH AS 350/355
			X	D355-589-043	SIDE DOOR ASSEMBLY, LH AS 355
	1			D2991-1	Door
		1		D2991-2	Door
			1	D2991-3	Door
3	3	3	3	D2237	Striker Plate
1	1	1	1	D2464-1700	Seal
3				D2583	Latch Bracket
3	3	3	3	D2585	Latch Clamp
8	3	3	3	D2586	Latch
1				D2587	Plug
1	1	1	1	D2589	Keys, Key Chain
	3	3	3	D2621	Latch Plate
	2**	2**	2**	D2992-1	Doubler
	1	1	1	D3085-041	Prop Assembly
	1*	1*	1*	D3015-3	Locknut
	1*	1*	1*	D3081-1	Prop Hinge
	1*	1*	1*	D3082-1	Clip
	1*	1*	1*	D3084-1	Prop Arm
	1*	1*	1*	AN4-5A	Bolt
	3*	3*	3*	AN960JD10	Washer
	3*	3*	3*	AN960JD10L	Washer
	2*	2*	2*	AN960JD416	Washer
	1*	1*	1*	AN960JD516L	Washer
	3*	3*	3*	MS21042L3	Nut (or MS21042-3)
	1*	1*	1*	MS21042L4	Nut (or MS21042-4)
	3*	3*	3*	MS27039-1-13	Screw
	1*	1*	1*	SL69-BS	Ball Stud
6	6	6	6	AN3-4A	Bolt
3	3	3	3	AN960JD10	Washer
3	9	9	9	MS21042L3	Nut (or MS21042-3)
6	6	6	6	MS20470AD4-5	Rivet
3	3	3	3	MS27039-1-15	Screw

* Reference only. Included in D3085-041 Prop Assembly listed above.

** Reference only. Included in D2991-1/-2/-3 Doors listed above.

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Revision: E

Date: 02.02.22

Work Order ID 132630

Thursday, May 07, 2015 3:00:41 PM

132630

Page 1

Item ID: D350-589-011

Accept

N900040100

Setup Start

NS1

Revision ID:

Item Name: Side Door Latch Modification

Stop

NS2

Start Date: 5/1/2015 Start Qty: 4.00

4

Cust Item ID:

Required Date: 5/7/2015 Req'd Qty: 4.00

4

Customer:

Reference:

Approvals: Process Plan: MLJ Date: MAY 11 2015

Tooling:

Date:

Run

Start

NR1

QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
INN-D350-589	E

100	Document Control	0.00
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100

DC

DOCUMENT CONTROL

Memo 7/10

0.00

Doc.Control -USB or Paperwork

Photocopy blue file and type label as per PPP D350-589-011 CHG002

MLJ

MAY 25 2015

4

105	Pick Kit	0.00
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105

Packaging

Memo

0.00

Packaging

CH751

4x

DAS
28
9-88

MAY 25 2015

[Signature]

110	QC4- 100% Inspect kits for completeness	0.00
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110

QC

Memo

0.00

Quality Control